



**FLUOR DANIEL GTI**

September 18, 1997

10096159



**VIA Facsimile and U.S. Mail**

Mr. Terry Tanner  
Remedial Project Manager  
U. S. Environmental Protection Agency, Region IV  
Atlanta Federal Center  
100 Alabama Street, S.W.  
Atlanta, Georgia 30303-3104

Dear Mr. Tanner:

**Re: City of Charleston Parking Garage  
Calhoun Park Area Site  
Charleston, South Carolina**

As a follow-up to our previous conversations regarding construction of the City of Charleston's parking garage planned for Calhoun Park, I have enclosed information regarding future excavation/ construction plans. The attached Table 1 lists the major intrusive activities associated with the parking garage and the estimated depth of each activity.

Based on the proposed schedule for construction of the parking garage, the next activities to be completed include:

- Exploratory excavation in the areas of the piles;
- Exploratory excavation in the area of the elevator pit; and
- Exploratory excavation in the area of the stormceptor.

This exploratory excavation will be conducted to determine the presence of any subsurface interference with the proposed design. Completion of these activities is critical in meeting the schedule for construction of the parking garage in order to support opening of the South Carolina Aquarium. In addition, source removal of those areas on Calhoun Park identified in the FS can be conducted along with the exploratory excavation.

Fluor Daniel GTI is requesting that EPA provide a list of the requirements to allow this work to proceed. Excavation activities for the parking garage are similar to those at the South Carolina Aquarium, thus the current work plan for the aquarium activities could likely be modified, if that is what is required. Please respond to this request at your earliest convenience so development of this property may proceed according to schedule.

Mr. Terry Tanner - U.S. Environmental Protection Agency  
Parking Garage Construction  
Calhoun Park Area Site, Charleston, SC

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Sincerely,  
**Fluor Daniel GTI, Inc.**



Gregory J. Gromicko, P.E.  
Project Manager

Enclosure

cc: Mr. Walter Irwin - SCE&G  
Mr. Gregory Tucker - Keenan

**TABLE 1**  
**ANTICIPATED INTRUSIVE ACTIVITIES**  
**FOR PARKING GARAGE**

<b>Item No.</b>	<b>Activity/Description</b>	<b>Estimated Depth</b>
1	Geotechnical Borings	Completed
2	Augering for Test Piles	75 ft
3	Test Piles	100 ft
4	Strip Topsoil	8 inches
5	Storm Drainage Trenching	3 ft
6	Storm Drainage Structures	5 ft
7	Stormceptor	8.5 ft
8	Sanitary Sewer - Trench	3 ft 4 inches
9	Sanitary Sewer - Manholes	5 ft
10	Potable Water Trench	4 ft
11	Telephone Trench	3 ft
12	Fiber Optics Trench	3 ft
13	Power Trench	4 ft
14	Lighting Pole Bases	4 ft
15	Elevator Pit	5 ft
16	Elevator Cylinders	50 ft
17	Piles +/- 450	100 ft
18	Pilecaps -2	7 ft
19	Pilecaps - 20	6 ft 4 inches
20	Pilecaps - 60	4 ft to 6 ft
21	Gradebeams	4 ft to 7 ft
22	Curbs	18 inches
23	Fencing Foundations	18 inches
24	Landscaping - Trees	3 ft
25	Landscaping - Bushes	2 ft